

LATITUDE 39°15'00"

5,913'

8,675' TO BOTTOM HOLE

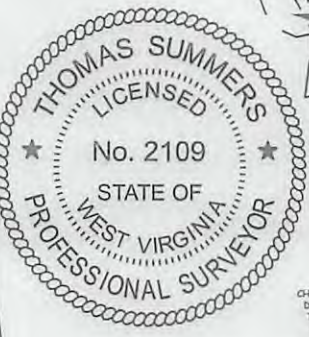
LATITUDE 39°15'00"

4,783' TO BOTTOM HOLE  
LONGITUDE 80°35'00"

14,324'

LONGITUDE 80°35'00"

Antero Resources Corporation  
Well No. Downs Unit 1H



NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 260,764ft E: 1,687,121ft  
 LAT: 39°12'38.42" LON: 80°36'15.13"  
 BOTTOM HOLE INFORMATION:  
 N: 270,339ft E: 1,684,475ft  
 LAT: 39°14'12.73" LON: 80°36'50.25"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 4,340,240m E: 534,186m  
 BOTTOM HOLE INFORMATION:  
 N: 4,343,144m E: 533,332m

NOTE:  
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

PAD LAYOUT NOT TO SCALE



- 10' DOWNS UNIT 1H
- 10' DOWNS UNIT 2H
- 10' MASON UNIT 2H
- 10' LETTIE UNIT 2H
- 10' LETTIE UNIT 1H
- 10' MASON UNIT 1H
- 10' MCGUIRE UNIT 2H
- 10' BOLTE UNIT 1H
- 10' BOLTE UNIT 2H
- 10' MCGUIRE UNIT 1H



NOTE:  
 3 WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL

LEGEND  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted

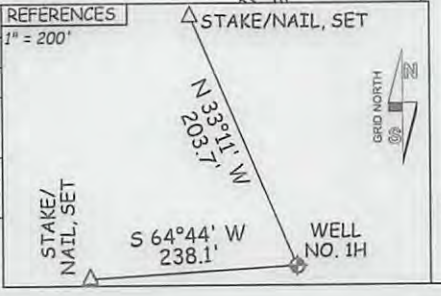
THOMAS SUMMERS P.S. 2109  
 DATE 11/05/13  
 OPERATOR'S WELL# DOWNS UNIT #1H  
 API WELL # 47 - 017 - 06433 HGA  
 STATE COUNTY PERMIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-088WA  
 DRAWING # DOWNS1H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



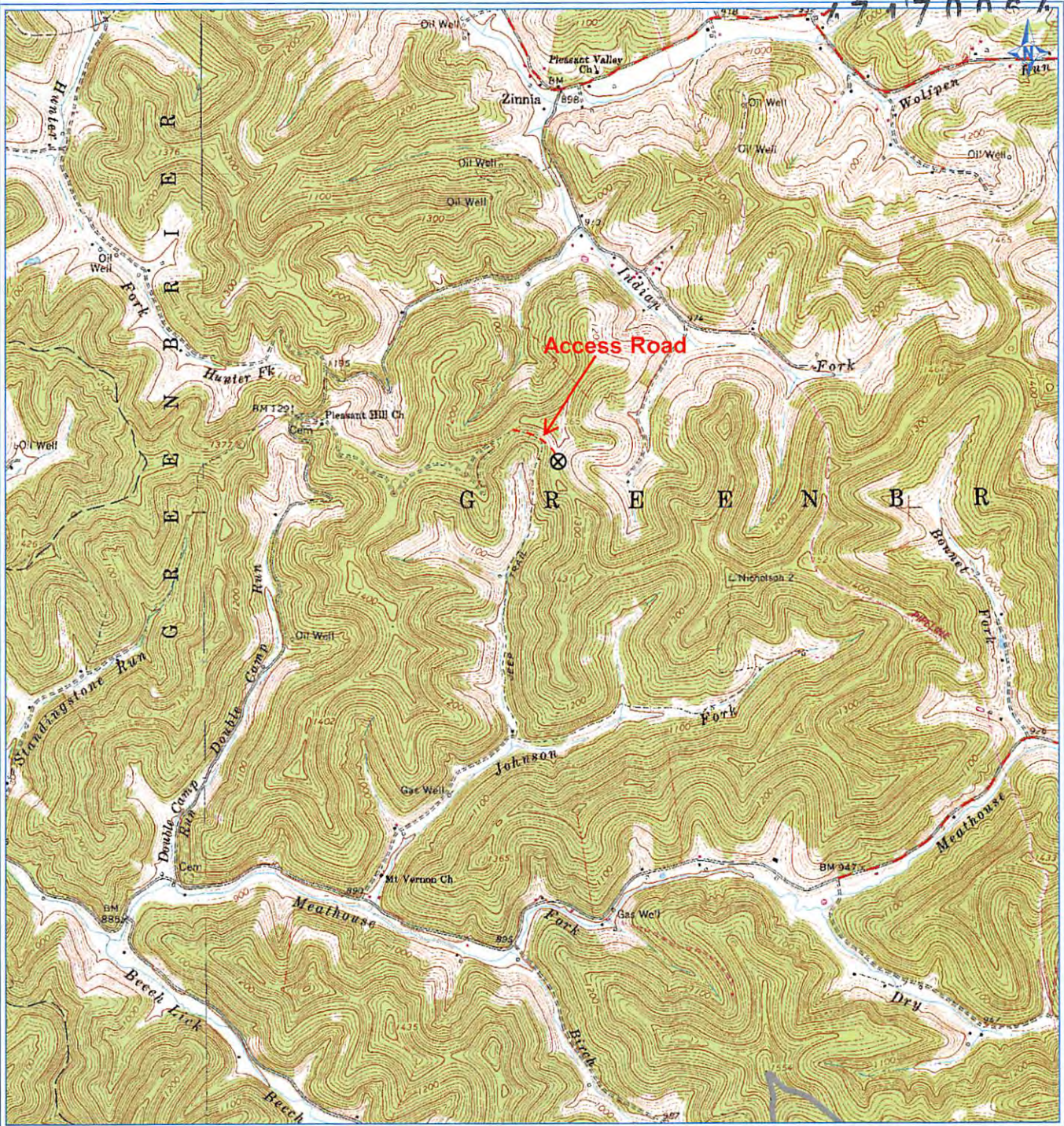
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1,270' WATERSHED TRIBUTARY OF JOHNSON FORK

QUADRANGLE BIG ISSAC 7.5' DISTRICT GREENBRIER COUNTY DODDRIDGE  
 SURFACE OWNER JUNIOR PERINE ACREAGE 89.43 ACRES +/-  
 OIL & GAS ROYALTY OWNER REXALL BARNETT ET AL; HARRY KING; E. MAY SUMMERS; LEASE ACREAGE 81.4 ACRES +/-; 59.3 ACRES +/-; 68 ACRES +/-  
 DAVID M. BELL ET UX; HARRIET F. HAMMONS; WALTER NUTTER ET UX; W.V. ROSS; ERVIN R. CARDER; GERALD D. BARNES ET AL; J.J. ADAMS 47.2 AC +/-; 4.10 AC +/-; 14.1 AC +/-; 132 AC +/-; 52.2 AC +/-; 46.5 AC +/-; 136.3 AC +/-  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 17,750' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25311

LANDING POINT  
 N: 260905  
 E: 1687311

Plot spotted

1717006122



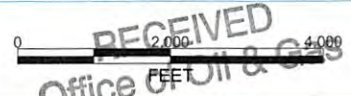
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Antero Resources Corporation

Appalachian Basin

Downs Unit 1H

Doddridge County



REMARKS  
 QUADRANGLE: BIG ISAAC 2013  
 WATERSHED: U. MIDDLE ISLAND CREEK  
 DISTRICT: GREENBRIER

WV Department of  
 Environmental Protection  
 February 11, 2013